Amendments to the Claims

1-14. (canceled)

15. (original) A color calibration method, comprising:
storing a color image in an RGB color modeling space;
printing the color image;
prompting a user to select a memory color appearing in the image;
prompting the user to select an adjustment to the selected memory color;
in response to the user selecting a memory color, transforming an RGB model color value representing the selected memory color to a CEILab model color value;
in response to the user selecting an adjustment to the memory color, adjusting the CIELab model color value;
transforming the adjusted CIELab model color value to a CMYK model color value; and
printing an adjusted color image based on the CMYK model color value.

16. (original) The method of Claim 15, further comprising, after transforming the CIELab model color value to a CMYK model color value, smoothing a discontinuity in an LUT of CMYK color values associated with the transformation of the adjusted CIELab model color value to the CMYK model color value.

17-30. (canceled)

31. (original) A computer readable medium having instructions thereon for:
storing a color image in an RGB color modeling space;
printing the color image;
prompting a user to select a memory color appearing in the image;
prompting the user to select an adjustment to the selected memory color;
in response to the user selecting a memory color, transforming an RGB model color value representing the selected memory color to a CEILab model color value;
in response to the user selecting an adjustment to the memory color, adjusting the CIELab model color value;

transforming the adjusted CIELab model color value to a CMYK model color value; and

printing an adjusted color image based on the CMYK model color value.

32. (original) The medium of Claim 31, further comprising instructions for, after transforming the CIELab model color value to a CMYK model color value, smoothing a discontinuity in an LUT of CMYK color values associated with the transformation of the adjusted CIELab model color value to the CMYK model color value.

33-39. (canceled)